USB BusStation™

MODELS F5U100, F5U100-BLU,

F5U100-SLV, F5U100-ORG

User Manual

P73281

Introduction

THE BELKIN BUSSTATION™

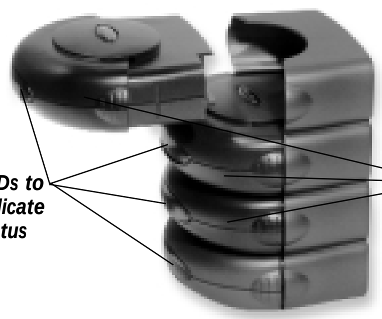
It is the first USB system designed to adapt to the way you work. Its innovative, patented modular design gives you the ability to create and customize your own USB environment. It comes standard as a 7 port hub and is the best 7 port USB hub available because it has the most the unique vertical modular design requiring a minimum of your precious desktop space. As a 7-port hub, it allows you to connect up to seven USB keyboards, mice, joysticks, printers, scanners, modems, or other USB devices to a single USB port on your Mac® or PC.

But best of all, the BusStation™ is modular! The base is a 4 port hub and comes with three removable modules, each having one USB port. You can add and subtract components from a complete selection of modules that cover virtually every possible configuration. This makes the Belkin patented modular design uniquely "customizable". If you have the need to expand and add ports, simply slide the USB port module off the BusStation™ and you have room to snap in one of the many available Belkin USB modules, including SCSI ports, Ethernet ports, serial ports and more. Configure it to fit your own computing needs, build your own multifunction hub - because it's USB, you don't even have to shut down your computer.

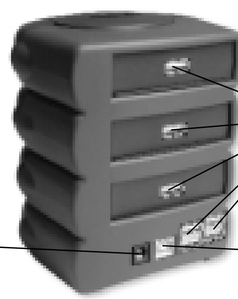
Features

- 7 port hub (standard configuration). Connect up to 7 devices to a single USB port on your computer.
- Modular – 4 port hub base with three removable modules each having one USB port.
- Customizable. Add and subtract components from a complete selection of modules.
- Gives you the ability to configure your own multifunction hub or docking station to fit your own computing needs.
- Works with the Belkin complete selection of modules that cover virtually every possible configuration.
- Compatible with Windows® 95 rev. B, Windows® 98, Windows® 2000 and Mac® OS 8.1 or higher.
- Plug-and-Play installation – drivers are built into Windows® and Mac® OS.
- Includes 4.0 Amp power supply to provide true 500ma per-port downstream current.
- Per-port overcurrent protection prevents damage to your computer and device.
- Fully compliant with current USB specifications.
- LEDs indicate power and port status.
- Supports all high-speed and low-speed USB devices.
- Lifetime Warranty.

Figure 1



Front View



Back View

Belkin BusStation™

SYSTEM REQUIREMENTS

- Macintosh® or Windows® computer with USB capabilities
- Windows® 95 Rev. B, Windows® 98, Windows® 2000, Mac® OS 8.1 or higher

PACKAGE INCLUDES

- Belkin BusStation™
- USB Device Cable
- 5 Volt 4 Amp power adapter
- User Guide

Installation

1. Attach the power adapter to the power jack of the BusStation™ and an electrical outlet. (See Figure 2).
2. Connect the USB-B connector of the USB Device Cable into the Root Port of the BusStation™. (See Figure 3).
3. Connect the USB-A connector of the USB Device Cable into one downstream port of the computer or one downstream port of another hub. (See Figure 4).
4. Your computer will instantly recognize that you connected a USB device.
5. You can now begin connecting your USB devices to the BusStation™, such as keyboards, mice, etc. into any downstream port of the BusStation™.

Installation (cont'd.)



Figure 2



Figure 3

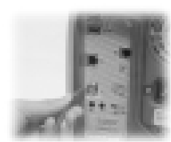


Figure 4

Adding Modules to the BusStation™

By adding modules to the BusStation™, you can have your own custom-configured multi-function USB hub or docking station. You can add and subtract components from a complete selection of modules that cover virtually every possible configuration. Need Ethernet? Snap an Ethernet module in. Need more USB ports? Add a 4 Port USB hub. Choose from a variety of stand-alone USB modules including SCSI ports, Ethernet ports, serial ports and more. Configure it to fit your own computing needs - because it's USB, it's true Plug-and-Play!

Unique stacking design of the BusStation™ and modules

- Add modules to the BusStation™ from bottom to top.
- Remove modules from the BusStation™ from top to bottom.
- The bottom 4 port USB module of the BusStation™ cannot be removed.

Instructions for Adding Modules

Removing the sleeve from the Belkin USB Module:

1. Hold the module in both hands. Pull one side of the sleeve outward. (See Figure 5).
2. The sleeve should slide off easily.

Figure 5



Instruction for Adding Modules (cont'd.)

When attaching additional modules to the BusStation™, there is no need to power down your computer, or unplug the BusStation™.

Note on Power Consumption
USB specifies that each port can only draw a maximum of 500mA of electrical current. If a device draws more than that amount, the Bus Station's built-in "Overcurrent Protection" will shut off that port, and prevent damage to the device and the Bus Station.

When you first purchase the BusStation™, it is essentially a 7 port hub. At 500mA for each port, that's a total of 3.5A current. The included power supply provides 4.0A, which is more than enough.

Replacing the one-port modules with other non-hub modules poses no power issues. However, if you decide to add a 4-port hub module, you must provide that 4-port hub with additional power. When you purchase a 4-port hub module, it will include a 2.1A power supply necessary for each port to provide 500mA of current. Simply plug the supplied adapter into the rear of the 4-port hub module, and you're done! If you do not connect the 2.1A power adapter to the 4-port hub module, each port on that 4-port hub can only supply 100mA of current.

Usually, only low-power devices such as mice and keyboards will run at 100mA. More complex devices such as scanners, modems, and additional hubs require the full 500mA of current.

Note: Modules should only be added starting from the 4 Port Hub base of the module working your way up.

1. Remove the sleeve from the USB module following the instructions in Figure 5.
2. Place the module you wish to add in the first empty slot directly above the 4 Port hub.
3. **Do not force the module into the BusStation™.**
   As you slide the module into the BusStation™ it should securely lock onto the guide track of the one below it.
4. Gently slide the module into the BusStation™ bay until you hear a solid click. (See Figure 6)
5. The modules should fit evenly on top of one another.
6. Follow the installation instructions of the USB module you attached to the BusStation™.
7. Your computer will instantly recognize that you connected a USB device.



Figure 6

Removing Modules

Instructions for removing modules from the BusStation™

Note: Modules should be removed from top to bottom. Do not remove the middle modules first, doing so will cause severe damage to your equipment and/or the BusStation™.

1. Hold the BusStation™ away from you so that the connectors are facing you. (See Figure 7).
2. Using both of your thumbs, push the BusStation™ module out of the BusStation™ bay. (See Figure 7)
3. The module should slide out smoothly.

Figure 7



Technical Specifications

• Upstream Ports	(1)
• Downstream Ports	(7)
• Removable modules	(3)
• LED	(1) Power, (7) Downstream Power
• Per-Port Voltage	DC +5V
• Per-Port Current	500mA (max)
• Operation Temperature	5°C~40°C
• Stock Temperature	-20°C~60°C
• Humidity	0%~80% RH noncondensing
• Enclosure	ABS Plastic
• Unit Weight	14.5 oz
• Dimension (L x W x H)	$3^3/_4$ x $4^1/_4$ x 5
• Power Supply	DC 5V 4A
• FCC	
• CD	
• ICES	
• Belkin Warranty	

Available modules

- USB 4 Port Hub
- USB Serial Adapter
- USB Ethernet Adapter
- USB 4 Port Hub with colored sleeves
- USB Serial Adapter with colored sleeves
- USB SCSI Adapter

Belkin USB modules are continuously being developed. Visit our website for additional modules.

The possibilities are endless...



■ Seven port hub (standard configuration) ■ Two serial and eight USB ports ■ Sixteen USB ports ■ One serial and twelve USB ports ■ One Ethernet, one serial and five USB ports ■ One Ethernet, two serial and four USB ports

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